

1. An apparatus for compactly storing computing devices, comprising:
an upper support for receiving a first computing device; and
a mounting mechanism that allows the upper support to transition between
an access position and a vertical storage position.
2. The apparatus of claim 1, further comprising a lower support for
receiving a second computing device, wherein the mounting mechanism connects the
upper support to the lower support and allows the upper support and the lower support to
transition between an access position and a vertical storage position.
3. The apparatus of claim 2, wherein the first computing device comprises
a display device and the second computing device comprises a human input device.
4. The apparatus of claim 2, wherein the mounting mechanism pivotally
connects the upper support to the lower support.
5. The apparatus of claim 2, wherein the mounting mechanism is
configured to slide the upper support and lower support between the access position and
the vertical storage position.
6. The apparatus of claim 2, wherein the mounting mechanism is
configured to pivot the upper and lower support between the access position and the
vertical storage position.

7. The apparatus of claim 2, further comprising a rack mount frame having a face, the mounting mechanism connecting to a frame member such that the vertical storage position places the upper support and lower support behind the face.

8. The apparatus of claim 2, further comprising a vertical adjustment mechanism configured to allow the upper support and lower support to be vertically adjusted to a plurality of vertical positions.

9. The apparatus of claim 2, wherein the mounting mechanism is configured to mount to a computer equipment rack.

10. The apparatus of claim 2, wherein the access position comprises the lower support at least partially in a non-vertical orientation.

11. The apparatus of claim 2, wherein the access position comprises the upper support at least partially in a non-vertical orientation.

12. The apparatus of claim 2, wherein the second computing device comprises a keyboard and an integrated pointing device.

13. A system for vertical storage of an I/O terminal presentable for use in a horizontal position, comprising:

a rack mount frame configured to house horizontally mounted computer equipment;

an I/O terminal comprising a flat display pivotally connected to a keyboard such that the keyboard pivots between a substantially vertical position and a non-vertical position;

a mounting mechanism configured to mount the I/O terminal to the rack mount frame such that the I/O terminal is movable between a substantially vertical storage position and an access position in which at least the keyboard of the I/O terminal is in a non-vertical position.

14. The system of claim 13, further comprising a cabinet that encloses the rack mount frame and the I/O terminal when the I/O terminal is in the vertical storage position.

15. The system of claim 13, further comprising a vertical adjustment mechanism configured to connect the I/O terminal to the rack mount frame such that a user can adjust the height of the I/O terminal.

16. The system of claim 13, wherein the mounting mechanism comprises:
a mounting bracket connectable to the rack mount frame;
a hinge connecting the mounting bracket to the I/O terminal such that
closing the hinge positions the I/O terminal in the vertical storage
position and opening the hinge positions the I/O terminal in the
access position.
17. The system of claim 13, wherein the mounting mechanism comprises a
telescoping member connected to the I/O terminal and configured to position the I/O
terminal in the access position when extended and in the vertical storage position when
retracted.
18. The system of claim 13, wherein the mounting mechanism comprises:
a mounting bracket connected to the rack mount frame;
a rail connected to the I/O terminal and slidably connected to the mounting
bracket such that extending the rail with respect to the mounting
bracket positions the I/O terminal in front of the rack mount frame
and retracting the rail positions the I/O terminal in the vertical
storage position.
19. The system of claim 13, wherein the rack mount frame comprises a
face, the mounting mechanism configured such that in the vertical storage position, the
I/O terminal is parallel to the face.

20. An apparatus for storing a first I/O device and a second I/O device vertically, the apparatus comprising:

- a mounting bracket connected to a rack mount frame, the rack mount frame having a face;
- a first I/O tray configured to receive a first I/O device;
- a second I/O tray pivotally connected to the first I/O tray and configured to receive a second I/O device;
- a mounting mechanism connected to the first I/O tray and the second I/O tray, the mounting mechanism configured to allow the first I/O tray and the second I/O tray to move between a stored vertical position behind the face and an access position in front of the face, the mounting mechanism further configured such that the first I/O tray and the second I/O tray are vertically adjustable.